

occu-smart[®]
technology



features

- A unique bi-level luminaire controlled by an integral ultra-sonic motion sensor, designed to provide safe, dependable illumination while conserving energy
- Bi-level fixtures operate at a low standby light level, offering safety and security with full light output instantly upon occupancy with areas fully lit only as needed
- Ideal for stairwells, restrooms, laundry rooms and other areas where maximum light levels are not required on a constant basis
- The ultra-sonic sensor features a lamp conditioning circuit that keeps new lamps lit for 100 hours to assure long lamp life and proper operation
- Units are available in several lamp/ballast combinations, including:
 - 10% standby light level at only 13 watts for (2) 32 watt T8 lamps
 - 33% standby light level for either one or two lamps
 - Two-circuit operation with one lamp constantly on, one lamp sensed on
 - Both lamps on/off, sensed on (check local codes for suitability of this option)

construction

- Housings are die-formed of 20 gauge steel, with riveted end plates and socket supports
- Quality construction throughout for long-term dependable service
- New York City Department of Buildings calendar number #43525
- Ends are die formed for a clean, smooth look
- Ample knockouts are provided for convenient mounting with recessed or surface power feeds
- All fixtures are U.L. listed and IBEW union made

electrical

- All electrical components are U.L. listed
- Ballasts are class P, thermally protected 120V T8 Electronic
- Numerous options are available, see ordering information on back or consult factory
- Optional battery backup available for one or two light emergency operation at various output levels. Please consult factory for your specific emergency pack requirements

diffuser

- One-piece extruded linear ribbed clear, light stabilized acrylic is standard
- Features a linear refractive pattern for even illumination
- Grooved formation on the edges allow for a tight, no light leak attachment to the body
- Optional white powder coated perforated steel diffuser

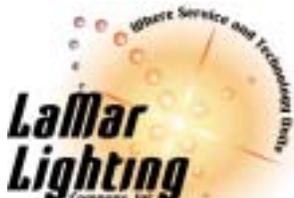
finish

- Prior to painting, all metal parts are treated with a multi-stage phosphate bonding process to ensure adhesion and inhibit rusting
- Painted with a lighting grade baked white enamel, having a reflectance factor exceeding 87% for premium quality and durability

sensor

- High frequency, extremely sensitive ultra-sonic, internally mounted with adjustable dwell time and sensitivity
- LED indicator light for testing
- Effective range of at least 25 feet
- Exclusive lamp conditioning circuit

All units are U.L. listed as emergency power and lighting equipment (U.L.-924) when equipped with optional battery back-up and meet requirements of the life safety code/NFPA101, NEC/OSHA and most state and local codes.



Occu-smart is a registered trademark of LaMar Lighting Co., Inc.



ordering guide

NOTE: SOME ORDERING OPTIONS APPEAR ON PRODUCT LINE. FOR OTHER OPTIONS, SEE LIST AT RIGHT.

SAMPLE ORDER NUMBER



SERIES NO. LAMPS WATTAGE TANDEM BALLAST TYPE VOLTAGE LENS OPTION DIMENSIONS LAMP TYPE

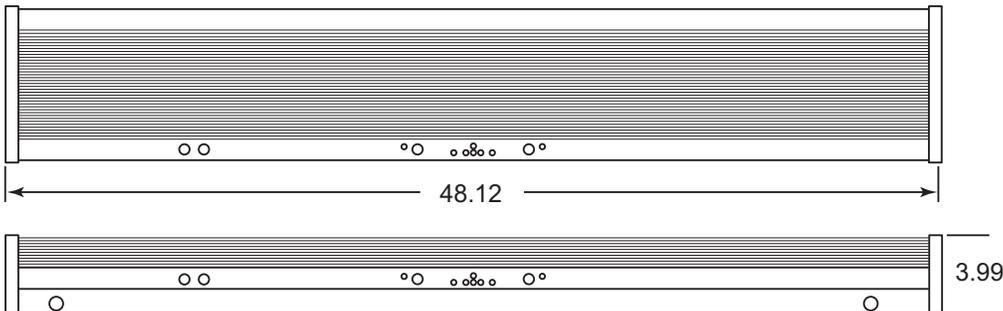
T-8 ORDERING GUIDE										
SERIES	NO. LAMPS	WATTAGE	TANDEM	BALLAST TYPE	VOLTAGE	LENS OPTION			DIMENSIONS	LAMP TYPE
VO	1	31U		E8	1, 7	PA, PF	2,3,4		8" x 24"	FB31T8
VO	1	17		E8	1, 7	PA, PF	2,7		8" x 24"	F17T8
VO	1	25		E8	1, 7	PA, PF	2,3,4		8" x 36"	F25T8
VO	1	25	T	E8	1, 7	PA, PF	1,2,6		8" x 72"	F25T8
VO	1	32		E8	1, 7	PA, PF	2,3,4		8" x 48"	F32T8
VO	1	32	T	E8	1, 7	PA, PF	1,2,3,4,6		8" x 96"	F32T8
VO	2	17		E8	1, 7	PA, PF	1,2,7		8" x 24"	F17T8
VO	2	25		E8	1, 7	PA, PF	1,2,6		8" x 36"	F25T8
VO	2	25	T	E8	1, 7	PA, PF	1,2,6		8" x 36"	F25T8
VO	2	32		E8	1, 7	PA, PF	1,2,3,4,6		8" x 48"	F32T8
VO	2	32	T	E8	1, 7	PA, PF	1,2,3,4,6		8" x 96"	F32T8

NOTE: TANDEM UNITS CONTAIN DOUBLE THE AMOUNT OF LAMPS SHOWN

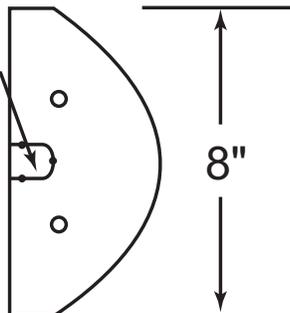
dimensional data

NOTE: SPECIFICATIONS AND DIMENSIONAL DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE.

cross sections



.960 K.O. MOUSE HOLE TYP



VO SERIES CUSTOM LUMINAIRES VOYAGER

options

OPTIONS: INSERT APPROPRIATE CODE FOR CUSTOMIZED ORDERING

BALLAST

- E8 Electronic T8
- PS Program start ballast (non-dimming options only)

VOLTAGE

- 1 120V
- 7 277V

DIFFUSER OPTIONS

- PA Clear ribbed acrylic
- PF Perforated metal - white

LIGHTING OPTIONS

- 1 1 lamp on constantly/1 lamp sensed
- 2 All lamps on/off, All lamps sensed on
- 3 Lamps standby at 33%/100% sensed
- 4 Lamps standby at 5%/100% sensed
- 6 ** 2 lamps standby at 10%/100% sensed
- 7 Lamps standby at 1% (F17 only)
- ** Not available in 277 Volt

GENERAL OPTIONS

- EM Emergency pack, 1 lamp 90 min. up to 500 lu.

Consult Factory for higher lumen battery pack availability and additional options not shown or listed

accessories

LAMP OPTIONS

- 12 T8 741K
- 15 T8 735K
- 10 T8 730K
- 13 T8 841K
- 16 T8 835K
- 11 T8 830K

BEFORE INSTALLATION, PLEASE CONSULT YOUR LOCAL ORDINANCES AND BUILDING CODES FOR COMPLIANCE

photometric data

SEE SECTION "P" FOR PHOTOMETRIC DATA

